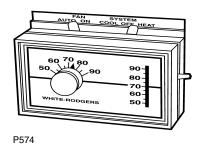
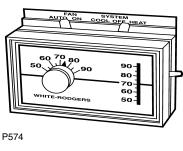
# HEATING/COOLING AND COOLING ONLY ASTRO\* STATS WITH SELECTOR-SWITCHES

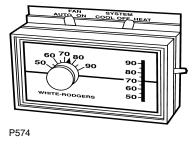


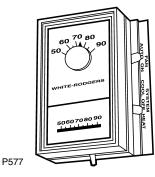
- DUSTPROOF SEALED MERCURY CELLS OR SNAP-ACTION CONTACTS WITH DUSTCOVER
- . BEIGE CASE WITH GOLD TONE DIAL
- POSITIVE CONTACT SNAP-SWITCHES ON SUBBASE
- BIMETAL THERMOMETER
- CLEAR FACEPLATE REMOVABLE FOR EASY CLEANING
- HEATING AND COOLING ANTICIPATORS PROVIDE NARROW DIFFERENTIAL CONTROL OF ROOM TEMPERATURE

Part No.: 1D56-310 1F56-301 1F56-444

1E56-444





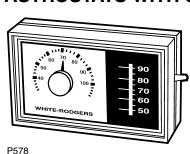


1D56-301 SHOWN

1F56-444 SHOWN

1E56-444 SHOWN

### **ASTROSTATS WITH SNAP ACTION SWITCH**

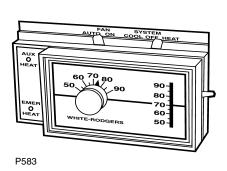


- SNAP ACTION CONTACTS WITH DUST COVER
- NON-SUSCEPTIBLE TO SLIGHT JARS AND VIBRATIONS
- IDEAL FOR MOBILE HOME USE
- HEATING AND/OR COOLING ANTICIPATORS PROVIDE A NARROW DIFFERENTIAL CONTROL
  OF ROOM TEMPERATURE

Part No.: 1D30-316 1C30-302

1D30-316 SHOWN

### **HEAT PUMP THERMOSTAT**



- MANUAL CHANGEOVER
- DUAL MERCURY CELL ARRANGEMENT ON A SINGLE BI-METAL PROVIDES CONTROL WITHOUT COMPLICATED GEAR AND LEVER ARRANGEMENTS
- THERMOSTAT MOUNTS TO SUBBASE WITH POSITIVE CAPTIVE SCREWS
- SUBBASE TERMINAL SCREWS SPACED AND IDENTIFIED FOR EASY INSTALLATION

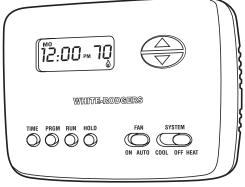
Part No.: 1F58-058

### **COMFORT-SET 70 SERIES SINGLE STAGE DIGITAL THERMOSTATS**

#### STANDARD FEATURES:

- Large, easy-to-read display
- · Electronic temperature accuracy
- · Adjustable room temperature calibration
- B&O terminals
- Millivolt compatible
- · Battery powered for maximum compatibility (2 "AAA" batteries included)

Single Stage Non-Programmable Part No.: 1F78-144 ed)



P4558

# Single Stage 2 Programs

Part No.: 1F78-151

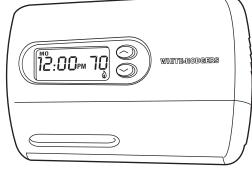
- Choice of 5/2 day programming or non programmable
- 4 time and 4 temperature settings per program for heating and cooling
- · Meets California Building Code, Title 24
- · Energy savings up to 33%

### **COMFORT-SET 80 SERIES SINGLE STAGE DIGITAL THERMOSTATS**

### **STANDARD FEATURES:**

- 60% larger LCD with improved contrast for easier reading
- · Lighted display for easier low-light viewing
- Permanent program retention during power loss
- Air filter change indicator (optional)
- · Simple menu to activate optional features
- Soft-touch keypad
- · Maintains room temperature differential within 1 degree
- Display temperature recalibration (+/-4°)
- · Powerful next-generation microprocessor
- Fast (FA) or slow (SL) heating cycle anticipation
- B&O terminals Compressor lockout protection
- · Millivolt Compatible
- Electric heat option

Single Stage Non-Programmable Part No.: 1F86-244



P4557

## **COMFORT-SET 80 SERIES SINGLE STAGE DIGITAL THERMOSTATS (cont)**

#### STANDARD FEATURES:

- Choice of 5/1/1 day or 7 day programmable or non-programmable
- 4 time and 4 temperature settings per program (heat & cool)
- Energy savings up to 33%
- Patented pre-programmed software simplifies time and temperature programming
- Indefinite setpoint Hold or programmable timed Hold up to 8 hours
- Temporary temperature override until next program period
- Dual-Powered...choice of battery-powered or hardwired, for all single stage applications
- Selectable Energy Management recovery
- Meets ENERGY STAR® specifications
- · Meets California Building Code, Title 24

Single Stage 2 Programs

Part No.: 1F80-261

**COMFORT-SET 90 SERIES SINGLE STAGE DIGITAL THERMOSTATS** 

### STANDARD FEATURES:

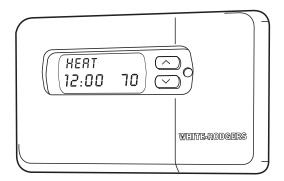
- Choice of 7 or 5/1/1 day or 7 day programmable or non-programmable
- 4 time and 4 temperature settings per program (heat & cool)
- Energy savings up to 33%
- Patented pre-programmed software simplifies time and temperature programming
- Large Comfort-View™ luminescent display
- Permanent program retention
- Vacation programming
- · Air filter change indicator
- · Daylight Savings Time quick-change button
- Temporary temperature override from 15 minutes to 19 hours or indefinite setpoint hold
- Display temperature recalibration (+/-5º)
- Maintains room temperature differential within .8 degree
- Automatic Heat/Cool System Changeover
- Selectable Energy Management Recovery
- Built-in system and thermostat diagnostics
- Digital-signal remote sensors (optional)
- Meets ENERGY STAR® specifications
- Meets California Building Code, Title 24
- Compressor lockout protection
- Millivolt compatible
- · Electric heat option

Single Stage 3 Programs

Part No.: 1F90-371

Single Stage 7 Programs

Part No.: 1F97-371



P4556

# COMFORT-SET 90 SERIES MULTI STAGE & HEAT PUMP DIGITAL THERMOSTATS

### **STANDARD FEATURES:**

- 7-day programming
- Four pre-programmed time/temperature periods per day
- · Vacation Programming button
- Programmable fan continuous in any period
- · Programmable fan on/off delays
- Separate set-up menus: Installer menu, User menu, Keypad lockout (total/partial) menu
- Large Comfort-View<sup>™</sup> display and lighted keypad
- Permanent program retention no batteries required
- Daylight Savings Time quick-change button
- · Air filter change indicator
- · Remote sensing (optional)
- Outdoor temperature sensing (optional)
- Multi-stage,heat pump, or single stage up to 3-stage heat/2-stage cool
- Auto-changeover
- EMR (Energy Management Recovery)
- Meets ENERGY STAR® specifications
- · Meets California Building Code, Title 24
- Compressor lockout/Auxiliary run time
- · Adjustable differential
- Telephone access run program (X10 module required)

### **Heat Pump**

- · Heat pump warm air start
- · Energy Source Optimizer selects heat pump or fossil fuel

Part No.: 1F94-371

### Multi Stage

Part No.: 1F95-371

· Ignition control reset

# **TOTALINE THERMOSTAT GUARDS**

### **THERMOSTAT GUARDS**

• Metal: beige

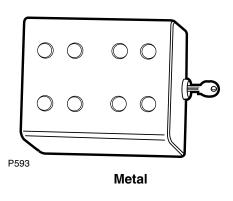
• Plastic: beige or clear

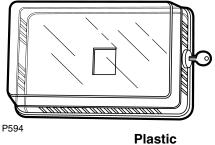
· Sizes fit most thermostats

· Solid and ring bases

• Have key lock

· Virtually tamper proof





### Metal

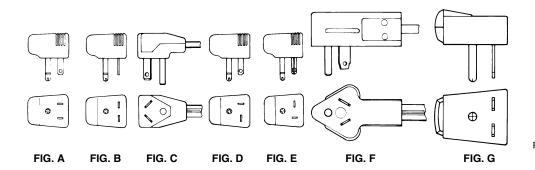
WIDTH (in.)	HEIGHT (in.)	DEPTH (in.)	BASE	STYLE	PART NO.
3-7/8	3-1/2	2-1/2	Solid	Beige	P269-0010
5-1/4	4-5/8	3	Solid	Beige	P269-0011
5-1/4	4-5/8	3-1/4	Ring	Beige	P269-0012
6-3/8	3-1/2	3	Solid	Beige	P269-0013
6-3/8	3-1/2	3-1/4	Ring	Beige	P269-0014
6	3-3/16	3-1/8	Ring	Beige	P269-0015
6-1/4	4-3/4	3	Solid	Beige	P269-0016
7-1/4	5-3/8	3-1/2	Solid	Beige	P269-0017
6-3/4	4-1/4	3-9/16	Ring	Beige	P269-0018

### **Plastic**

PART NO.	STYLE	BASE	DEPTH (in.)	HEIGTH (in.)	WIDTH (in.)
P269-0001	Clear-	Solid	2-1/2	3-1/2	3-7/8
P269-0002	Beige	Solid	2-1/2	3-1/2	3-7/8
B000 0000	Clear	Solid	3	4-5/8	5-1/4
P269-0003	Clear	Ring	3-1/4	4-5/8	5-1/4
D060 0004	Beige	Solid	3	4-5/8	5-1/4
P269-0004	Beige	Ring	3-1/4	4-5/8	5-1/4
D000 0005	Clear	Solid	3	3-1/2	6-3/8
P269-0005	Clear	Ring	3-1/4	3-1/2	6-3/8
P269-0006	Beige	Solid	3	3-1/2	6-3/8
	Beige	Ring	3-1/4	3-1/2	6-3/8
P269-0007	Clear	Ring	3-1/2	5-3/8	8-1/4
P269-0008	Beige	Ring	3-1/2	5-3/8	8-1/4

# **MISCELLANEOUS PARTS**

# MISCELLANEOUS PARTS ROOM AIR CONDITIONER SERVICE CORDS



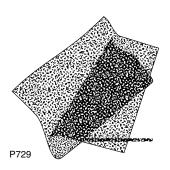
- 1/4 IN. QUICK CON-NECT TERMINALS ON POWER LEADS
- RING TERMINAL ON GROUND WIRE
- IVORY COLOR EXCEPT 51PC CORDS ARE GRAY

P402

FIGURE	WIRE GAUGE	AMPS	VOLTS	LENGTH (in.)	PART NO.
Α	14	15	125	93	51SA400353
В	14	15	250	66	52SQ402334
	14	20 125	60	51CM400964	
D	12	20	123	113	60AA400094

FIGURE	WIRE GAGE	AMPS	VOLTS	LENGTH (in.)	PART NO.
Е	14	20	250	82	52CQ400994
_	12	20 250		66	51CM400974
G	12	30	250	82	52CQ401004

### **ROOM AIR CONDITIONER FILTER**

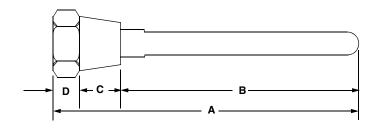


The 51YA680001 polyurethane foam replacement room air conditioner filter measures 22-3/4 in. x 14-1/2 in. x 1/4 in. thick. It can be trimmed to fit most RAC's in use today.

Part No.: 51YA680001S

## **TEMPERATURE ACTUATED SWITCHES**

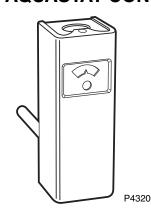
### **CONTROL BULB**



- CONTROL BULB WELLS FOR USE WITH TEMPERATURE CONTROLLERS
- · BUSHING INCLUDED

FOR BULB		DIMENSIONS (in.)			THREAD	DADT NO
DIA. (in.)	Α	В	С	D	SIZE NPT	PART NO.
5/16	13.0	11.5	1.2	.4	1/2-14	HL79PZ001
3/8	6.3	5.0	.7	.4	1/2-14	30HH406102
3/8	7.6	5.8	1.4	.4	1/2-14	HL79ZZ002
1/2	8.7	4.2	3.7	.7	1/2-14	HL79MZ001
1/2	8.7	4.2	3.7	.7	3/4-14	HL79MZ005
1/2	5.7	4.2	.7	.7	1/2-14	HL79MZ007

### **AQUASTAT CONTROLLERS**



#### Part No. P672-L4006

- TOTALLY ENCLOSED MICRO SWITCH SNAP-ACTING SWITCHES OPERATE ON TEMPERATURE RISE TO SET POINT.
- VISIBLE CONTROL POINT SCALE AND EXTERNAL ADJUSTMENT SCREW PERMIT EASY SETTING.
- HORIZONTAL OR VERTICAL INSERTION AND DIRECT OR WELL IMMERSION OF SENSING ELEMENT.

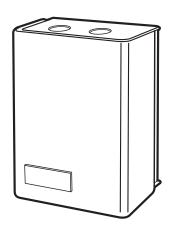
### Part No. P672-L6006C

- OPERATE IN RESPONSE TO TEMPERATURE CHANGES IN HYDRONIC HEATING SYSTEMS.
- PROVIDES SPDT SWITCHING FOR THREE-WIRE APPLICATIONS.
- COMBINES CIRCULATOR CONTROL WITH HIGH AND LOW LIMITS.
- HORIZONTAL OR VERTICAL SURFACE MOUNTING.
- VISIBLE CONTROL POINT SCALE AND EXTERNAL ADJUSTMENT SCREW PERMIT EASY SETTING.

### Part No. P672-L7124U UNIVERSAL OIL ELECTRONIC AQUASTAT CONTROLLER

- PROVIDES ELECTRONIC TEMPERATURE SENSING IN A UL LIMIT-RATED CONTROL WITH A SINGLE SENSING PROBE.
- CONTROLS CIRCULATOR, OIL BURNER, AND BOILER TEMPERATURE.
- REPLACES THE L8124A, L8124C, L8148A CONTROLLERS.
- THE L7124U HAS A CASE THAT CAN BE CONVERTED FOR EITHER HORIZONTAL OR VERTICAL MOUNTING.

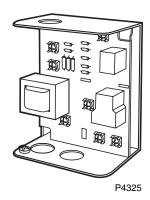
PART NO.	HONEYWELL PART NO.		
P672-L4006A	L4006A1009		
P672-L4006B	L4006B1007		
P672-L6006C	L6006C1018		
P672-L7124U	L7124U1003		



P4321

# **TEMPERATURE ACTUATED SWITCHES**

### **SWITCHING RELAYS**



# Part No. P673-RA889A SWITCHING RELAY (HYDRONIC)

- HIGH LOAD SWITCHING RELAY.
- TROUBLESHOOTING LED.
- REPLACEABLE TRANSFORMER FUSE.
- LONG LIFE DC RELAY DRIVE CONTROL TECHNOLOGY.
- RELAY FOR USE WITH EXTERNAL 24 VAC OR 24 VDC SUPPLY, WITH LINE-VOLTAGE CONTROL, OR WITH INTERNAL 24-V TRANSFORMER SUPPLY.

# Part No. P673-R8845A UNIVERSAL SWITCHING RELAY (HYDRONIC)

- REPLACEABLE, SOCKETED RELAY.
- TWO TROUBLESHOOTING LED'S.
- PUSH-TO-TEST BUTTON.
- REPLACEABLE TRANSFORMER FUSE.
- LOW VOLTAGE CONTACTS FOR POWERPILE APPLICATIONS.
- RELAYS CAN BE USED WITH EXTERNAL 24-VAC OR 24-VDC SUPPLY, LINE-VOLTAGE CONTROL, OR WITH INTERNAL 24-V TRANSFORMER.

PART NO.	HONEYWELL PART NO.	
P673-RA889A	RA889A1001	
P673-R8845A	R8845U1003	